

**FIG. 1**

## N.I.R.S. Material Analysis

210

Select your NIR file

End file

220

Raw material to be analysed

Cereal

230

Desired result

Silage corn

240

Submit this file for processing

Do not hit the submit button more than once.

FIG. 2

**FIG. 3**

## Prediction results

Predictions results for the total and poultry digestible amino acid content for sample:  
Spectra file: Vlande.nir

	Predicted (%) Total	Predicted (%) Dig.	Associated errors Total	Associated errors Dig.
Protein	46.77			
Lysine	2.45	1.72	0.21	0.34

Prediction results for the total and digestible amino acid content for sample:

RPAN ID code:  
Customer ID code:

	Predicted (%)		RMSEP	
	Total	Dig.	Total	Dig.
Protein	62.7		2.7	
Lysine	2.79	1.79	0.25	0.29
Methionine	0.87	0.64	0.11	0.11
Cysteine	2.00	1.26	0.20	0.16
Sulfur AA	2.83	1.82	0.15	0.17
Threonine	2.96	2.06	0.13	0.15
Tryptophan	0.69	0.49	0.08	0.08
Valine	4.31	3.08	0.20	0.22
Isoleucine	2.83	2.13	0.21	0.22
Leucine	4.87	3.67	0.28	0.31
Phenylalanine	2.81	2.06	0.16	0.23
Histidine	1.63	1.29	0.23	0.24
Arginine	3.93	3.21	0.46	0.48
AAdigestimator	73			
Spectral Prox.	1.5			

#### NOTES

- Results provided are predictions and not actual analytical values.
- RMSEP= measure of expected variation of prediction
- Predictions are prepared using Calibration version No. 1.01
- AAdigestimator is an index for the digestibility of the average essential amino acid and may be used to compare digestibility of similar samples. Digestibility coefficients calculated for individual amino acids are not meaningful since predictions for total and digestible amino acids are independent.
- Sulfur AA is predicted independent of methionine and cysteine.

\*

**FIG. 4**

**FIG. 5**

Prediction results history		
Date	File	Results
Tue, March 5th, 2001	<a href="#">Cereal.nir</a>	Ground hay
Fri, March 9th, 2001	<a href="#">Corn.nir</a>	Silage corn

Click on the file name to see the prediction results.

# N.I.R.S. Material Analysis

610

620

Username

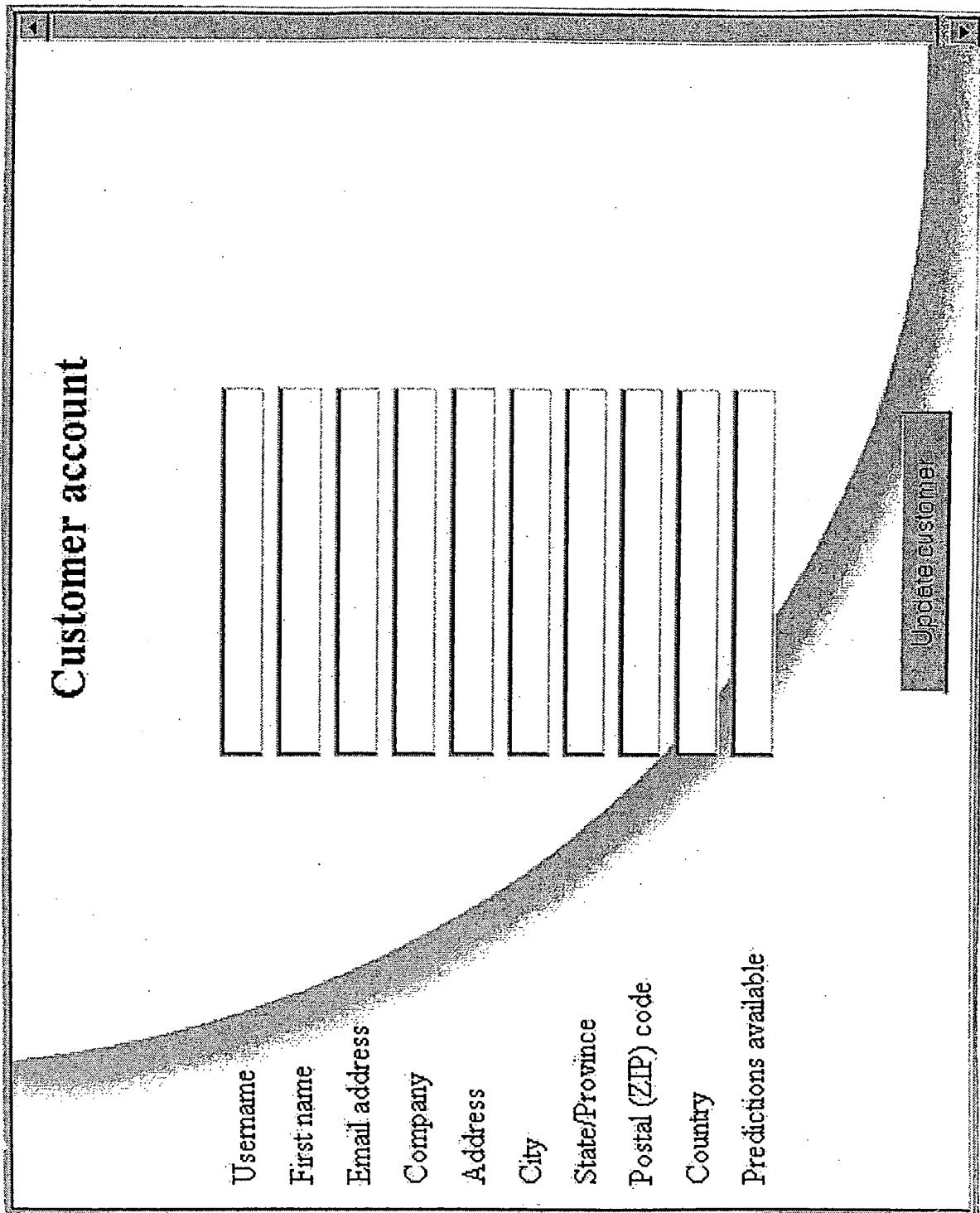
Password

Login

Register

Contact us

FIG. 6



# FIG. 7

**FIG. 8**

